Minimum Well Casing & Cement Grout Depth* For Bedrock Wells Within the Arsenic "Special Well Casing Pipe Depth Area" Town of Black Wolf, Winnebago County T17N, R17E

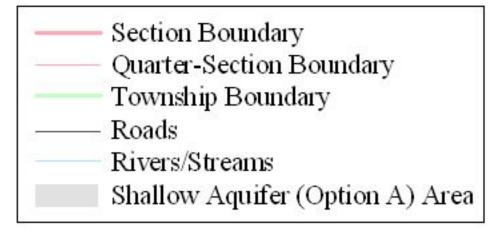
(Maximum Total Depth for Shallow Well Option - Option A)

		7 T			
6	5	4	3	2	1
142 320 7 117 340	8	9	10 Lake Winnebago	11	12
110 360 108 101 360 Nekimi Ave	98 101 350 350 350	16 109 370	15	14	13
126 _360 360 19 0140 137 360 Black Wolf	117 360 360 20 131 370 360	120 370 21 130 370	22	23	24
156 R360 370 370 370 370 Co Hwy Z	156 370 370 29 167 380 380	150 370 380 Howlett 370 161 166 380	27	26	25
173 370 31 180 180 380 E Lone Elm R	State 380 370 Hwy 170 160 370 160 370 32 160 370 370	167 370 390 33 160 370 390	34	35	36

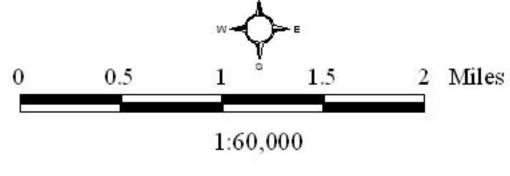
*Within each quarter section the minimum depth of the upper-enlarged drillhole, casing pipe and cement grout is indicated by the number provided. Although unlikely, the minimum casing/grout depths provided above may not get you down to the Cambrian Sandstone. However, in any case, the casing and grout shall extend at least to the top of the Cambrian Sandstone.

(Note: The first 10-15 feet of the Cambrian Sandstone is usually reddish in color and can produce water with a high iron content. You may want to also case and grout through this top layer.)

Within the gray shaded area the red numbers indicate the maximum total depth for wells constructed under Option A that must terminate within the shallow Galena-Platteville Dolomite aquifer.



Effective Date: October 1, 2004





Wisconsin Department of Natural Resources Bureau of Drinking Water & Groundwater

Winnebago County